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PATENT
Attorney Docket No.: 463037-00220/A-68718-4RFT/RMS/RMK

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

BLACKBURN et al.

Serial No. 09/993,342

Filed: November 05, 2001

For: DEVICES AND METHODS FOR
BIOCHIP MULTIPLEXING

Examiner: Not Yet Assigned

Group Art Unit: 1744

CERTIFICATE OF MAILING

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Dated:

Signed:

Christine P. Peters
Christine P. Peters

INFORMATION DISCLOSURE STATEMENT
AND STATEMENT OF RELATEDNESS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicant wishes to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO-1449. Because of the voluminous number of references they are being forwarded to the PTO in 2 boxes. Box number 1 contains all the foreign patents and box number 2 contains all of US patents and other references. A copy of this IDS and the 1449 are enclosed in each box.

With respect to patent applications, the applicants point out their duty under M.P.E.P. §2001.06(b) to disclose relevant patent applications of which they are aware. To this end, the applicants draw the Examiner's attention to the following patent applications;

1. United States Serial Number 09/760,384, filed January 11, 2001 and U.S.S.N. 09/904,175, filed July 11, 2001.
2. U.S.S.N. 09/295,691, filed April 21, 1999.

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3. U.S.S.N. 09/397,957, filed September 17, 1999.

Further, in accordance with the provisions of 37 C.F.R. §§ 1.97(c) and 1.97(e)(1), the undersigned certifies that references 73, 93, 120, 132-134, and 141-142 listed on the enclosed form PTO-1449 were cited in an International Search Report dated October 05, 2001, for a counterpart PCT application. References 73, 93, 132, 134-135, 141-143 listed on the enclosed form PTO-1449 were cited in an International Search Report June 05, 2002, for a counterpart PCT application. Copies of both International Search Reports are enclosed herewith.

None of the foregoing references are believed to disclose the invention as claimed. Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application. Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

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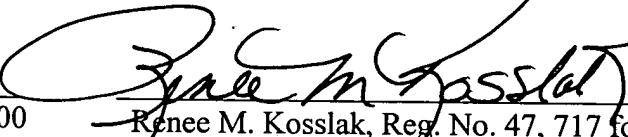
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This Information Disclosure Statement is being filed within three months of the filing date of a national application, within three months of the date of entry of a national stage, or before the mailing date of a first Office Action on the merits, 37 C.F.R. § 1.97(b), and therefore no fee is required. The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 463037-00220 [A-68718-4/RFT/RMS/RMK]).

Respectfully submitted,
DORSEY & WHITNEY LLP

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Robin M. Silva, Reg. No. 38,304
Attorneys for Applicants
Filed under 37 C.F.R. § 1.34(a)

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Sheet 1 of 15

Application Number 09/993,342

Filing Date November 05, 2001

First Named Inventor BLACKBURN, et al.

Group Art Unit 1744

Examiner Name Not Yet Assigned

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
1	4,704,193			Bowers et al.	11/1987	
2	4,707,352			Stavrianopoulos	11/1987	
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12	4,943,523			Stavrianopoulos	7/1990	
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		Office ³	Number ⁴				
19	EP 0 234 938	A2		Cranfield Inst. of Tech.	2/1987		
20	EP 0 229 943	B1		Molecular Biosystems Inc.	7/1987		
21	EP 0 599 337	A2		Canon Kabushiki Kaisha	1/1994		
22	EP 0 063 879	A2		Yale University	11/1982		
23	EP 0 515 615			Boehringer Nannheim	9/1996		
24	CA 2 090 904	A1		F. Hoffman-La Roche	9/1993		
25	JP 238,166	A		Mitsubishi Corp.	1988	abstract	
26	JP 6-41183	A2		Mitsubishi Corp.	1994		

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

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		Office ³	Number ⁴				
47	WO	90/05732	A1	Columbia Univ.	5/1990		
48	WO	92/10757	A1	Boehringer Mannheim	6/1992		
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51	WO	95/15971	A2	Calif. Inst. of Technology	6/1995		
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	54	5,705,348		Meade et al.	1/1998	
	55	5,741,700		Ershov et al.	4/1998	
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	57	5,770,369		Meade et al.	6/1998	
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		Office ³	Number ⁴				
	66	WO	97/01646	A2 Univ. of N. Carolina	1/1997		
	67	WO	97/44651	A1 AU Membrane and	11/1997		
	68	WO	97/27329	A1 Univ. of Chicago	7/1997		
	69	WO	98/20162	A2 Clinical Micro Systems	5/1998		
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	73	WO	98/57159	A1 Clinical Micro Systems	6/1997		
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	75	WO	99/14596	A1 AB Sangtec Medical	3/1999		
	76	EP	0668502	B1 Yissum Research Dev.	05/2002		

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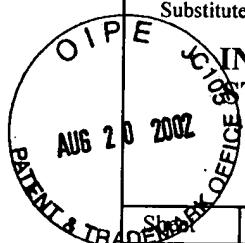
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78	5,851,772			Mirzabekov et al.	12/1998	
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		Office ³	Number ⁴ (if known)	Kind Code ²			
93	WO	97/41425	A1	Pence Inc.	11/1997		
94	WO	99/37819	A2	Clinical Micro Systems	07/1999		
95	WO	86/05815	A1	Genetics International	03/1985		
96	WO	93/22678	A3	MIT	11/1993		
97	WO	97/31256	A3	Cornell Research	08/1997		
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99	WO	99/57319	A1	Clinical Micro Systems	11/1999		
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	101	6,177,250	B1	Meade et al.	01/2001	
	102	6,096,825		Garnier	08/2000	
	103	6,197,515	B1	Bamdad et al.	03/2001	
	104	6,203,758	B1	Marks et al.	03/2001	
	105	6,207,369	B1	Wohlstadter et al.	03/2001	
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	117	WO	90/05303	A1	Pharmacia AB	05/1990	
	118	WO	97/46568	A1	California Institute of	12/1997	
	119	WO	98/04740	A1	North Western University	02/1998	
	120	WO	98/12539	A1	Meso Scale Technologies	03/1998	
	121	WO	98/57158		Clinical Micro Sensors	12/1998	
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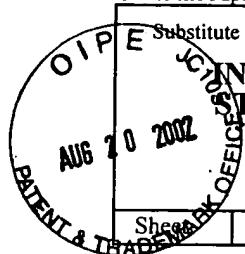
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142	WO	98/05424	A1	Caliper Technologies	02/1998		
143	WO	99/33559	A1	Cepheid	07/1999		
144	WO	98/31839	A2	President and Fellows of Harvard College	07/1998		

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Sheet	7	of	15	Application Number	09/993,342
				Filing Date	November 05, 2001
				First Named Inventor	BLACKBURN, et al.
				Group Art Unit	1744
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	A-68718-4/RFT/RMS/RMK

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Sheet 8

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Application Number 09/993,342

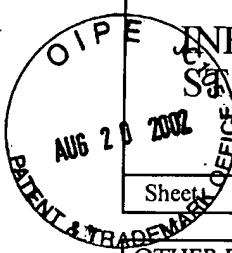
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First Named Inventor BLACKBURN, et al.

Group Art Unit 1744

Examiner Name Not Yet Assigned

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				Filing Date November 05, 2001
				First Named Inventor BLACKBURN, et al.
				Group Art Unit 1744
				Examiner Name Not Yet Assigned
				Attorney Docket Number A-68718-4/RFT/RMS/RMK

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	178	Durham, B., et al., "Photoinduced Electron-Transfer Kinetics of Singly Labeled Ruthenium Bis(bipyridin) Dicarboxybipyridine Cytochrome c Derivatives," <i>Biochemistry</i> , 28:8659-8665 (1989).	
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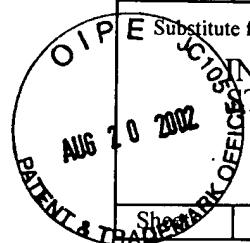
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Application Number	09/993,342
Filing Date	November 05, 2001
First Named Inventor	BLACKBURN,
Group Art Unit	1744
Examiner Name	Not Yet Assigned
Attorney Docket Number	A-68718-4/RFT/RMS/RMK

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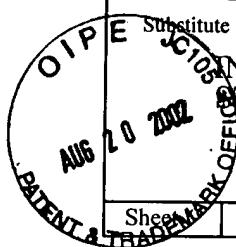
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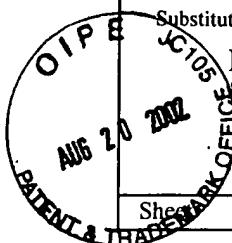
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Group Art Unit	1744
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Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/993,342
		Filing Date	November 05, 2001
		First Named Inventor	BLACKBURN, et al.
		Group Art Unit	1744
		Examiner Name	Not Yet Assigned
Sheet: 1 of 3	of 15	Attorney Docket Number A-68718-4/RFT/RMS/LMK	

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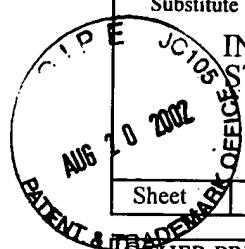
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	244	Schumm, et al., "Iterative Divergent/Convergent Approach to Linear Conjugated Oligomers by Successive Doubling of the Molecular Length: A Rapid Route to a 128 □-Long Potential Molecular Wire," <i>Angew. Chem. Int. Ed. Engl.</i> , 33(11):1360-1363 (1994).		
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Sheet 14 of 15

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Application Number	09/993,342
Filing Date	November 05, 2001
First Named Inventor	BLACKBURN, et al.
Group Art Unit	1744
Examiner Name	Not Yet Assigned
Attorney Docket Number	A-68718-4/RFT/RMS/RKX

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	259	Turro, N., et al. "Photoelectron Transfer Between Molecules Adsorbed in Restricted Spaces," <i>Photochem. Convers. Storage Sol. Energy, Proc. Int. Conf.</i> , 8th, pp 121-139 (1990).	
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		Application Number	09/993,342
		Filing Date	November 05, 2001
		First Named Inventor	BLACKBURN, et al.
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